



NEW JERSEY
WEEKLY CROP WEATHER
New Jersey
Agricultural Statistics Service

In Cooperation With:
U.S. Department of Agriculture
National Agricultural Statistics Service
Agricultural Marketing Service
U.S. Department of Commerce/N.O.A.A.
Rutgers University

NOAA WEATHER RADIO STATIONS

- Allentown
WXL-39 on the VHF-FM
frequency of 162.40 Megahertz.
- Atlantic City
KHB-38 on the VHF-FM
frequency of 162.40 Megahertz.
- New York City
KWO-35 on the VHF-FM
frequency of 160.55 Megahertz.
- Philadelphia
KIH-28 on the VHF-FM
frequency of 162.475 Megahertz.

NEW JERSEY AUCTIONS

- Vineland
Phone: (856)691-0721
Sales 10:00AM Daily except Sunday.
- Landisville
Phone: (856)697-2273
Direct Sales Daily
- Swedesboro
Phone: (856)476-0313
- Hightstown
Phone: (609)448-0193
Direct Sales Daily

RUTGERS WEEKLY FORECAST

Agricultural Weather Advisory for New Jersey and Southeastern Pennsylvania
Issued by Rutgers University New Brunswick NJ
7 am est Monday June 24, 2002

Rainfall amounts...tenth to a quarter of an inch with locally higher amounts in thunderstorms possible today...little expected tonight through Tuesday.

Winds for spraying...southwest becoming northwest 5 to 10 mph today...northwest 5 to 10 mph tonight...south 5 to 10 mph Tuesday.

Relative humidity in percent...45 to 55 today...90 to near 100 tonight...45 to 55 Tuesday.

Dew points...mid to upper 60s through Tuesday.

Drying conditions...fair to good today...fair to good Tuesday.

Frost freeze or dew...light dew tonight...light dew Tuesday night.

Percent of possible sunshine...80 today...70 Tuesday.

There is a 30 percent probability of precipitation during the 12 hour period beginning at 8 am and ending at 8 pm that could adversely affect the performance of pesticides that require a rainfree period after application.

Hay cutting will see fair to good conditions for the next couple days with only scattered thunderstorms over the area.

Estimated soil moisture in percent of field capacity could increase in some areas with scattered thunderstorms possible.

The latest 6 to 10 day outlook for the period June 29, 2002 to July 3, 2002 is calling for temperatures to average near normal and precipitation to total near normal.

Climate summary for the week ending 8am 6/24/02

Temperatures averaged near normal. Extremes were 89 degrees at Canoe Brook and Toms River on June 23, 2002, and 45 degrees at Charlotteburg on June 18, 2002.

Weekly rainfall averaged 0.30 inches north, 0.29 inches central, and 0.28 inches south. The heaviest 24 hour total reported was 1.01 inches at Flemington starting on June 18, 2002 and ending June 19, 2002.

Estimated soil moisture, in percent of field capacity, this past week averaged 83 percent north, 82 percent central, and 70 percent south.

Four inch soil temperatures averaged 66 degrees north, 67 degrees central and 69 degrees south.

WEATHER SUMMARY FOR THE WEEK ENDING 8 AM MONDAY 6/24/02

Weather Stations	Rainfall			Temperatures				Growing Degree Days 1/		Soil Moisture 2/
	Last Week	Since March 1		Last Week				Total	Dept. *	
		Total	Dept. *	Max.	Min.	Avg.	Dept. *			
- Inches - - Degrees - - Base 50°F -										
NORTH										
Belvidere Bridge	.27	16.35	1.87	88	45	69	0	881	130	67
Canoe Brook	.27	18.32	2.71	89	51	71	1	962	244	79
Charlotteburg	.01	17.95	2.21	88	45	68	1	706	152	70
Flemington	1.01	18.60	3.70	88	48	70	0	928	182	86
Long Valley	.12	16.01	.05	82	50	66	-1	684	73	71
Newton	.12	15.88	1.72	87	48	69	1	811	184	70
CENTRAL										
Freehold	.17	15.14	.48	88	53	71	0	1038	204	73
Long Branch	.04	16.61	1.85	85	55	68	-2	903	136	57
New Brunswick	.27	15.85	1.53	88	51	70	-2	981	98	82
Pemberton	DATA NOT AVAILABLE									
Toms River	.37	16.78	2.21	89	53	68	-2	1031	270	63
Trenton	.60	16.34	3.03	86	52	69	-4	994	60	68
SOUTH										
A.C. Marina	.00	15.99	3.95	78	63	71	1	1048	266	49
Cape May C.H.	.01	15.82	2.90	85	55	70	-1	1137	297	33
Downtown	.74	16.30	3.11	86	52	69	-3	1069	115	75
Glassboro	.51	14.17	-.08	87	56	72	0	1167	234	68
Hammonton	.49	14.09	.22	86	53	70	-2	1086	161	60
Pomona	.06	17.14	4.52	85	53	67	-4	1034	188	55
Seabrook	.16	17.86	5.27	87	57	72	0	1223	263	57
South Harrison	.72	16.24	2.03	85	64	71	N/A	1146	N/A	N/A

*Departure from normal.

1/ Growing degree days since March 1, total and departure from normal or long term average.

2/ Estimated soil moisture as % of field capacity based on climate data.

AGRICULTURE

Clear skies and fair weather allowed producers to make good progress cultivating fields and harvesting crops. Outdoor activities included cutting and baling hay, spraying, fertilizing, and harvesting vegetables. Days suitable for field work averaged 5.6. Top soil moisture was rated 11% short, 84% adequate, and 5% surplus. Range and pasture condition was rated 2% fair, 95% good, and 3% excellent. Corn planted was 99%complete. Corn emerged was at 93%. Corn condition was rated 5% fair and 95% good. Corn producers reported uneven stands in some fields due to erratic weather conditions during planting. Soybeans planted was 81% complete. Soybeans emerged was at 65%. Soybean condition was rated 3% fair and 97% good. Vegetable producers made good progress harvesting cucumbers, snap beans, parsley, and cilantro. Harvest of peas, spinach, and other cool season vegetables was winding down in most areas. Producers also planted pumpkins, eggplant, peppers, cantaloupe, and tomatoes. Apples and peaches were rated in mostly fair to good condition by producers. Blueberries were rated in mostly good condition with harvest underway in some areas. Strawberry harvest continued in the northern counties with crop condition rated as mostly fair to good.

SOIL MOISTURE TABLE

	THIS WEEK	LAST WEEK	PREVIOUS YEAR
VERY SHORT	0%	0%	0%
SHORT	11%	0%	1%
ADEQUATE	84%	67%	96%
SURPLUS	5%	33%	3%

RANGE AND PASTURE

	CURRENT	PREVIOUS WEEK	PREVIOUS YEAR
VERY POOR	0%	0%	2%
POOR	0%	0%	4%
FAIR	2%	4%	6%
GOOD	95%	92%	55%
EXCELLENT	3%	4%	33%

JERSEY FRESH AVAILABILITY FOR JUNE 24, 2002*

Blueberries - Volume of early varieties such as Weymouth and Duke available now.

Cabbage - Green, Red, and Savoy available in quantity and quality. Volume available through the end of June or early July.

Collards & Escarole/Endive - Good quality and decreasing quantity available now. Expect hot weather to cause lighter quantities to be available in mid-Summer. Still being planted by growers though so will be available throughout the Summer.

Cucumbers - Good quality and large quantity available now.

Green Beans - Began to harvest last week. Quality and quantity expected in ten days.

Herbs - Heavy quantity and excellent quality available now and for another week or so for Cilantro, Dill, Mint, Parsley, Arugula, and Baby Arugula. Although Basil and Mint like the hot weather, hot weather stretches will cause some mid-Summer light availability of other herbs. Expect most herbs other than Arugula to be available all Summer.

Lettuce - Good quality and limited quantities available this week from North Jersey muck lands. Finishing up the Spring season.

Leeks - Good quality and quantity of Southern transplants being dug now so the normal short in availability from mid-June until mid-July will not occur this year. Spring planted varieties due in mid-July. Getting ready to plant for Fall now.

Pickles (*Kirby cucumbers*) - Good quality and large quantity available.

Radishes - Very light quantity available now.

Spinach - Good quality and limited quantities available this week from North Jersey muck lands. Finishing up the Spring season.

Yellow Squash - Good quality and large quantity available now.

Zucchini - Good quality and large quantity available now.

Strawberries - Late part of our season, finishing up with Chandlers now. Matted row varieties available through late June if we have cool weather, earlier if things warm up.

JERSEY FRESH FORECAST*

Sweet Corn - Harvest should begin in 3rd week of June. Quality and quantity expected last week of June. Peak of season should be around July 20th. Good wholesale availability until at least the week after Labor Day.

Tomatoes - Field grown begins 3rd week of June with limited quantities and higher prices. Volume available at beginning to mid-July.

Cantaloupes - Become available in late June. Volume available at beginning of July.

Peppers and Eggplant - Begin to become available in early July. Volume available by second week of July.

Yellow Peaches - Early varieties beginning in early July. Sentry variety available a week later in good quantity. Red Haven and John Boy varieties available in volume around July 20.

White Peaches - Early varieties become available about the third week of July with White Lady. Blushing Star and Sugar Giant varieties should be available by mid-August followed a few days later by Lady Nancy. Snow Giant follows a few days later about the third week of August.

Nectarines - Early varieties such as Eastern Glo, and then Summer Beaut, beginning in mid-July. Mid-August is the heaviest volume time with great quantities of Red Gold and Fantasia varieties available then. Available through the end of August.

*Provided by the New Jersey State Department of Agriculture.